## **DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS; the specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Residence: 27432 Valderas, Mission Viejo, CA 92691

Citizenship: United States

Post Office Address: Same As Above

Residence: 1135 North Outrigger Way, Anaheim, CA 92801

Citizenship: United States

Post Office Address: Same As Above

Full name of third inventor: Gregory T. Elkins

Inventor's signature

Date 8/2/00

Residence: 2665 North Bentley Street, Orange, CA 92867

Citizenship: United States

Post Office Address: Same As Above

Send Correspondence To: KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20,995

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QLOGICP.021A PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants** 

Krantz, et al.

App. No.

UNKNOWN

Filed

**HEREWITH** 

For

DISK CONTROLLER CONFIGURED

TO PERFORM OUT OF ORDER

**EXECUTION OF WRITE** 

**OPERATIONS** 

Examiner

UNKNOWN

## ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION AND REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone

App. No. Filed UN DWN

(949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

**QLOGIC CORPORATION** 

Dated: 8/8/00

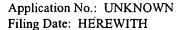
By: Thomas 15- Cucaco

Thomas R. Anderson

Title: Vice President and Chief Financial Officer

Address: 26600 Laguna Hills Drive Aliso Viejo, CA 92656

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PATENT Client Code: QLOGICP.021A Page 1

## ASSIGNMENT

WHEREAS, We, Arie L. Krantz, a United States citizen, residing at 27432 Valderas, Mission Viejo, CA 92691, Kha Nguyen, a United States citizen, residing at 1135 North Outrigger Way, Anaheim, CA 92801, and Gregory T. Elkins, a United States citizen, residing at 2665 North Bentley Street, Orange, CA 92867, have invented certain new and useful improvements in a DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Qlogic Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 26600 Laguna Hills Drive, Aliso Viejo, CA 92656, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filled for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Arie L. Krantz

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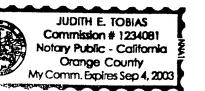
COUNTY OF C

ss.

On <u>6</u>/2/ $\infty$ , before me <u>furtifier</u>, <u>boids</u>, <u>N.P.</u>, personally appeared Arie L. Krantz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

Application No.: UNKNOWN Filing Date: HEREWITH	COP		Client Code: QLOGI	PATENT ICP.021A Page 2
IN TESTIMONY WHERE	OF, I hereunto set my han		Malia, 20. Kha Nguyến	<u>0.0</u> 079
STATE OF Course  COUNTY OF Cronge  On 3/2/00, 1  personally known to me (or proved subscribed to the within instrument, that by his signature(s) on the instrument.	pefore me, Julip E to me on the basis of sat and acknowledged to me	isfactory evidence) to be that he executed the same	the person(s) whose nam in his authorized capacity	e(s) is/are y(ies), and
Commit Notary Pu Oran	H E. TOBIAS sion # 1234081 ublic - California nge County Expires Sep 4, 2003	v 15	oblicos, otary Signature  of Aug., 20	G)
COUNTY OF Ovange  On 8/2/00, b  personally known to me (or proved subscribed to the within instrument, that by his signature(s) on the instruinstrument.	to me on the basis of sar and acknowledged to me	tisfactory evidence) to be that he executed the same	the person(s) whose name in his authorized capacity	ie(s) is/are y(ies), and

WITNESS my hand and official seal.

[SEAL]

H:\DOCS\ASF\ASE 072800 JUDITH E. TOBIAS
Commission # 1234081
Notary Public - California
Orange County
My Comm. Expires Sep 4, 2003

otary Signature